#include <iostream>

#include <cstdlib> //for the use of rand()

#include <ctime> //for the use of time function

using namespace std;

int main()

{

int upper,lower,num,random\_number;

cout<<"\*\*\*\*\*\*\*\* WELCOME TO THE NUMBER GUESSING GAME \*\*\*\*\*\*\*\*\*\n";

cout<<"Enter the range : ";

cin>>lower>>upper;

srand(time(0));

random\_number = (rand() % (upper-lower+1) + lower);

cout<<random\_number;

cout<<"A random number is generated...\n";

// cout<<"Enter the no. you guess :";

//cin>>num;

do{

if((num!=random\_number)||(lower<num<upper))

{

cout<<"Enter the no. you guess :\n";

cin>>num;

if(num>random\_number)

{

cout<<"Your guess is too high!!!\n";

}

else if(num<random\_number)

{

cout<<"Your guess is too low!!!\n";

}

else

{

cout<<"Your guess is right congratulations\n";

cout<<num<<" is equal to "<<" random number which is generated .\n";

}

}

}while(num!=random\_number);

cout<<"\*\*\*\*\*\*\*\*\*\*Thanks for playing\*\*\*\*\*\*\*\*";

return 0;

}